

Converting Colors

XYZ(61.5998, 48.0273, 51.7297)

Have a look what the booklet for
XYZ(61.5998, 48.0273, 51.7297)
contains.

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Color

**XYZ(61.7183, 48.2055,
51.9506)**

Conversions

Conversions Part 1

Format	Color
Hex	FF9BB9
RGB	255, 155, 185
RGB Percent	100%, 61%, 73%
CMY	0.0000, 0.3921, 0.2745
CMYK	0.00, 0.39, 0.27, 0.00
HSL	342°, 100%, 80%
HSV	342°, 39%, 100%
XYZ	61.7183, 48.2055, 51.9506
YIQ	188.3200, 49.9700, 30.5300

Conversions

Conversions Part 2

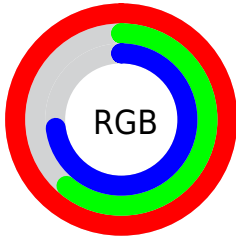
Format	Color
R_{YB}	255, 155, 185
Decimal	16751545
CIE _{Lab}	74.95, 40.93, 0.54
CIE _{LCh}	75, 40.933, 0.751
Yxy	48.2055, 0.3813, 0.2978
Android (android.graphics.Color)	4294941625 (0xFFFF9BB9)
YUV	188.3200, -1.6368, 58.4784
Hunter-Lab	69.4302, 37.1705, 4.2378

Details

The XYZ color **61.7183, 48.2055, 51.9506** is a light color, and the websafe version is hex **FF99CC**. A complement of this color would be **62.8703, 83.9258, 84.1240**, and the grayscale version is **47.9722, 50.4705, 54.9624**.

A 20% lighter version of the original color is **80.4114, 74.1994, 93.3029**, and **31.6812, 22.9044, 24.5810** is the 20% darker color. If you saturate the color by 10%, you get **56.1461, 39.8899, 41.3723**, and if you desaturate by 10%, it is **68.4256, 58.4123, 64.0757**.

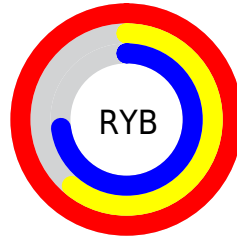
Distribution



Red (100%)

Green (61%)

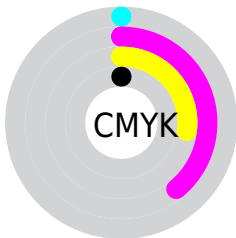
Blue (73%)



Red (100%)

Yellow (61%)

Blue (73%)

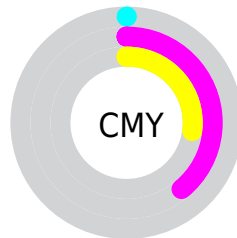


Cyan (0%)

Magenta (39%)

Yellow (27%)

Black (0%)



Cyan (0%)


Magenta (39%)

Yellow (27%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 61.7183, 48.2055, 51.9506 changes by changing the brightness by 10 percent. The first figure shows a shift by +10% for each color and the second figure -10%.


Similar to the brightness gradients but the following saturation gradients show a change of the XYZ color 61.7183, 48.2055, 51.9506 by changing the saturation by 10% instead.


 61.7183, 48.2055,
51.9506


 61.7183, 48.2055,
51.9506


420.6367,
379.6061, 411.1974

 45.0599, 33.9897,
36.5837

 106.4105, 87.5103,
94.4842

 31.7061, 22.8857,
24.5921


 135.1750,
113.3680, 122.4881

 21.2915, 14.5091,
15.5572


168.7056,
143.8752, 155.5413

 13.4509, 8.4756,
9.0604

207.3676,
179.4162, 194.0625

 7.8189, 4.4007,
4.6832

251.5263,
220.3753, 238.4701

 4.0301, 1.9002,
2.0072

301.5472,

 1.7192, 0.5485,

267.1371, 289.1828

0.5597

357.7955,
320.0859, 346.6190

■ 0.4682, 0.0000,
0.0000

■ 0.0000, 0.0000,
0.0000

■ 61.7183, 48.2055,
51.9506

■ 61.7183, 48.2055,
51.9506

■ 56.1461, 39.8899,
41.3723

■ 68.4256, 58.4123,
64.0757

■ 51.6397, 33.3415,
32.2730

■ 76.3245, 70.6105,
77.8057

■ 48.1277, 28.4319,
24.5836

■ 85.4721, 84.9016,
93.1990

■ 45.5278, 25.0126,
18.2280

95.0500, 100.0000,
108.9000

■ 43.7433, 22.9072,
13.1212

■ 42.6332, 21.8521,
9.1589

■ 42.5616, 21.7887,
8.8896

Harmonies

Analogous

The Analogous color harmony consists of three colors that are next to each other on the color wheel.



59.5149, 48.2055, 75.2399



61.7183, 48.2055, 51.9506



59.2912, 48.2055, 34.1521

Triad

The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



61.7183, 48.2055, 51.9506



38.8646, 48.2055, 24.4964



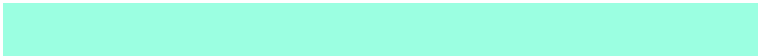
39.1574, 48.2055, 97.1358

Complementary

The Complementary color scheme is a pair of colors which are on the opposite of each other on the color wheel.



61.7183, 48.2055, 51.9506



62.8703, 83.9258, 84.1240

Split Complementary

Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



34.5579, 48.2055, 76.4327



61.7183, 48.2055, 51.9506



34.4023, 48.2055, 34.8577

Square

The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



61.7183, 48.2055, 51.9506



45.6300, 48.2055, 21.1832



32.9138, 48.2055, 53.0283



46.0063, 48.2055, 105.2450

Rectangle

The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



61.7183, 48.2055, 51.9506



55.5109, 48.2055, 26.6589



32.9138, 48.2055, 53.0283



37.3245, 48.2055, 91.1839

Sweetspot

The Sweet Spot groups the original color and five complimentary colors.



61.7195, 48.2078, 51.9515



82.7941, 80.7029, 88.7386



60.8244, 46.6728, 100.4107



17.4601, 16.8649, 18.5560



0.0000, 0.0000, 0.0000



20.3446, 21.4041, 23.3091

Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



61.7195, 48.2078, 51.9515



57.2852, 41.5739, 43.5836



62.4880, 54.2888, 38.1987



18.2336, 18.0767, 19.8472



22.2965, 11.4079, 4.9460



2.2167, 1.1291, 0.7227

Inverse Universe

The Inverse Universe completely reimagines the original color for something new.



61.7195, 48.2078, 51.9515



57.2852, 41.5739, 43.5836



61.2776, 73.6067, 105.5856



18.2336, 18.0767, 19.8472



22.2965, 11.4079, 4.9460



2.2167, 1.1291, 0.7227

Previews

White Background



This preview shows how the XYZ color 61.7183, 48.2055, 51.9506 looks on a white background.

Color Contrast Check

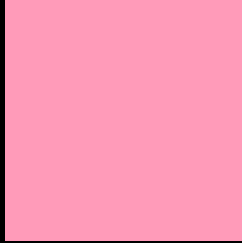
Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black Background



This preview shows how the XYZ color 61.7183, 48.2055, 51.9506 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 61.7183, 48.2055, 51.9506

Background



This preview shows how black text looks on a background with the XYZ color 61.7183, 48.2055, 51.9506.



This preview shows how white text looks on a background with the XYZ color 61.7183, 48.2055,

Color Blindness Simulation

Color vision deficiency is a very complex topic, and I could not describe the different causes any better than Wikipedia does, so if you want to learn more, you should check out their [article about color blindness](#).

Dichromacy



Original Color

61.7183, 48.2055, 51.9506

Protanopia

47.3296, 48.6125, 62.7657

Deuteranopia

49.3624, 48.4138, 50.4592



Tritanopia

59.8963, 48.2009, 43.6829

Trichromacy



Original Color

61.7183, 48.2055, 51.9506



Protanomaly

51.2019, 47.4280, 58.6804



Deuteranomaly

53.2496, 47.8148, 50.6786



Tritanomaly

60.6679, 48.2799, 46.6788

Monochromacy



Original Color

61.7183, 48.2055, 51.9506



Achromatopsia

47.7994, 50.2886, 54.7643



Achromatomaly

51.6464, 48.6356, 53.6793

CSS Examples

Text

The CSS property to change the color of the text to XYZ 61.7183, 48.2055, 51.9506 is called "color". The color property can be set on classes, ids or directly on the HTML element.

This example shows how text in the color `rgb(255, 155, 185)` looks like.

```
.text, #text, p{  
    color:rgb(255, 155, 185)  
}
```

If you want to add a text shadow in that color use the text-shadow property, you can generate a text shadow directly with our [CSS Text Shadow Generator](#).

Here you see how black text with a 4 pixel rgb(255, 155, 185) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 155, 185) }
```

Border

The CSS property to change the border of an element to XYZ 61.7183, 48.2055, 51.9506 is called "border". The border property can be set on classes, ids or directly on the HTML element.

This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(255, 155, 185) }
```


If only the border color should be changed use the property `border-color`.

```
.border{ border-color:rgb(255, 155, 185) }
```

If you want to add a box shadow in that color use:

Here you see how a box with a 4 pixel `rgb(255, 155, 185)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(255, 155, 185); -webkit-box-shadow:4px 4px 4px 4px rgb(255, 155, 185); box-shadow:4px 4px 4px 4px rgb(255, 155, 185) }
```

Background

The CSS property to change the background color of an element to XYZ 61.7183, 48.2055, 51.9506 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 155, 185) }
```

If only the background color should be changed can be used:

```
.background{ background-color: rgb(255,  
155, 185) }
```

This example shows the color as background, it is applied via the CSS property "background".

To optimize and compress your CSS code, you can use our [online CSS compressor and optimizer](#) based on csstidy. If you want to create a linear or radial gradient as background or border, check our [CSS Gradient Generator](#).

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